

40-Channel 900 MHz Call Waiting Caller ID Cordless Handset and Combination Corded Speakerphone User's Guide



FCC REGISTRATION INFORMATION

Your telephone equipment is registered with the Federal Communications Commission and is in compliance with parts 15 and 68, FCC Rules and Regulations.

1 Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating, among other information, the FCC Registration number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

Notes

- This equipment may not be used on coin service provided by the telephone company.
- Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone
 equipment if you are on a party line. Check with your local telephone company.
- Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.

2 Rights of the Telephone Company

Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pur suant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

The telephone company may make changes in its communications facilities, equipment, operations of procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

INTERFERENCE INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pur suant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the
 receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/ television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "HowTo Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

HEARING AID COMPATIBILITY

This telephone system meets FCC standards for Hearing Aid Compatibility.

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THE LIGHTNING CAUTION: OR DEUDCE THE THE EXCLAMATION FLASH AND ARROW. RISK OF ELECTRIC SHOCK, POINT WITHIN THE HEAD WITHIN THE DO NOT REMOVE COVER TRIANGLE IS A [OR BACK]. NO USER. WARNING SIGN WARNING SIGN SERVICEABLE PARTS IN- ALERTING FOU OF SIDE. REFER SERVICING IM PORTAL NT DA NOE ROUS TO QUALIFIED SERVICE MORTHLE PRODUCT.

THE PRODUCT.

SEE MARKING ON BOTTOM / BACK OF PRODUCT

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

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Introduction

Your Caller ID phone stores and displays specific information, provided by your local telephone company, to subscribers of Caller ID or similar caller identification services.

CALLER ID

This feature allows you to see the number or name and number of the person calling before you answer the phone.

CALL WAITING

This feature allows you to answer incoming calls while you are talking on the phone.

CALL WAITING CALLER ID

Also known as Type II Caller ID, this feature allows you to see the name and number of a call that beeps in while you are talking on the phone with someone else.

VOICE MESSAGING

This feature allows callers to leave messages while you are talking on the phone.

DIGITAL SECURITY SYSTEM

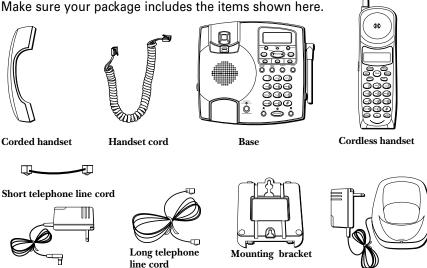
Your cordless phone uses a digital security system to provide protection against false ringing, unauthorized access, and charges to your phone line.

IMPORTANT: In order to use this unit, you must subscribe to either the standard Name/Number Caller ID Service or Caller ID with Call Waiting Service. To know who is calling while you are on the phone, you must subscribe to Caller ID with Call Waiting Service.

BEFORE YOU BEGIN

PARTS CHECKLIST

Make sure your package includes the items shown here.



Base unit AC power supply

Cordless handset charger

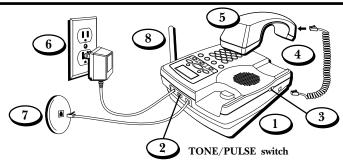
MODULAR JACK REQUIREMENTS

You need an RJ11 type modular jack, which is the most common type of phone jack and might look like the one pictured here. If you don't have a modular jack, call your local phone company to find out how to get one installed.



INSTALLATION NOTE: Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If such interference continues, move the cordless telephone farther away from the TV or VCR.

Installation



DESKTOP INSTALLATION

- 1. Make sure the mounting bracket is securely fastened.
- Set the TONE/PULSE switch to TONE for touch-tone service, or PULSE for rotary service. If you don't know which type of service you have, check with the phone company.
- 3. Set the RINGER switch on the base to HI.
- 4. Plug the coiled cord into the corded handset and the base.
- 5. Place the corded handset in the base.
- 6. Plug the power supply cord into the base and the other end into an AC power outlet.
- 7. Plug the long telephone line cord into the PHONE LINE jack on the back of the unit. Plug the other end into a modular phone jack.
- 8. Raise the base antenna.



CAUTION: Use only the Thomson 5-2471 power supply that came with this unit. Using other power supplies may damage the unit.

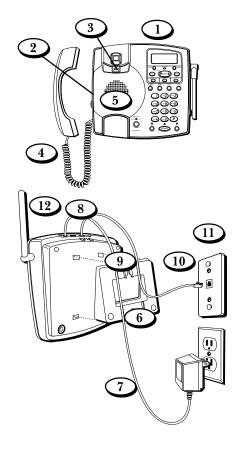
- 9. Set the RINGER switch (on the cordless handset) to ON.
- Plug the power supply cord from the cordless handset charger into an AC power outlet.
- 11. Place the cordless handset in the cordless handset charger to charge for 12 hours. The CHARGE indicator on the charger comes on to indicate the battery is charging. If you don't charge the handset battery properly (for 12 hours) when you first set up the phone, performance of the battery will be compromised.



VERY IMPORTANT: You must complete the corded base unit connections before the cordless handset can be used. Otherwise, it WILL NOT work. See steps 1-8 of this section.

WALL MOUNT INSTALLATION

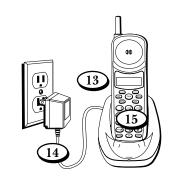
- Set the TONE/PULSE switch to TONE for touch-tone service, or PULSE for rotary service. If you don't know which type of service you have, check with the phone company.
- 2. Set the RINGER switch on the base to HI.
- Remove the handset hook; turn it upside down, and put it back in the slot. You need to do this so the corded handset doesn't fall out of the base.
- 4. Plug the coiled cord into the corded handset and the base.
- Place the corded handset in the base.
- Remove the mounting bracket.
 Rotate it so that the bottom of the phone is flat. Reattach the wall mount bracket by inserting the tabs into the slots on the top of the unit first, and then snapping the bottom tabs into place.
- Plug the power supply cord into the base and the other end into an AC power outlet.





CAUTION: Use only the Thomson 5-2471 power supply that came with this unit. Using other power supplies may damage the unit.

- Plug the short telephone line cord into the PHONE LINE jack on the back of the unit.
- Feed the short line cord through the grooves provided so that the base area is flat and ready to mount on the wall.
- 10. Plug the other end of the line cord into a modular phone jack.
- 11. Slip the mounting holes over the wall plate posts and slide the unit down firmly into place. (Wall plate not included.)
- 12. Raise the base antenna.
- 13. Set the RINGER switch (on the cordless handset) to ON.
- Plug the power supply cord from the cordless handset charger into an AC power outlet.
- 15. Place the cordless handset in the cordless handset charger to charge for 12 hours. The CHARGE indicator on the charger comes on to indicate the battery is charging. If you don't charge the handset battery properly (for 12 hours) when you first set up the phone, performance of the battery will be compromised.



VERY IMPORTANT: You must complete the corded base unit connections before the cordless handset can be used. Otherwise, it WILL NOT work. See steps 1-12 of this section.

SETTINGS

Four basic user-programmable features are set and stored in the phone system's Prog menu by pressing the PROG and REVIEW buttons and viewing the display.

Of these settings, language and local area code can also be set on the cordless handset.

Language. Choices: English, Spanish, French. (Default = English)

Display Contrast. Choices: 1[Low], 2 [Med], 3 [High]. (Default = Med)

Local Area Code. (you set)

Current Time. (you set, or is set automatically during the first Caller ID call)



SETTING THE DISPLAY LANGUAGE

- Press and release PROG until SET LANGUAGE shows on the display.
- 2. Press REVIEW repeatedly until desired language is displayed.
- 3. Press and release PROG again to store the language setting.

SETTING THE DISPLAY CONTRAST

NOTE: This setting is for the base only.

- Press and release PROG until SET CONTRAST shows on the display.
- Press REVIEW repeatedly until desired contrast level is displayed.
- 3. Press and release PROG again to store the new contrast level.

NOTE: You can press PROG to go on to the next feature at any time. To exit the menu, press PROG repeatedly.



SETTING THE LOCAL AREA CODE

- Press and release PROG until SET AREA CODE shows on the display.
- 2. Press a numeric key to enter the first digit of your local area code.
- Press a numeric key to enter the second digit of your local area code.
- Press a numeric key to enter the third digit of your local area code.
- Press and release PROG again to store your local area code in memory.

NOTE: You can press PROG to go on to the next feature at any time. To exit the menu, press PROG repeatedly.

NOTE: To clear the local area code, press and release PROG, until *SET AREA CODE* is displayed. Then enter "000". Press PROG again to confirm.



SETTING THE CURRENT TIME

NOTES: This setting is for the base only.

Time is transmitted automatically by your local phone company as part of Caller ID service. If you have subscribed to Caller ID, the current time will be set automatically when your first CID call is received. Otherwise, you can set the time manually.

- Press and release PROG until SET TIME shows on the display.
- 2. Press a numeric key to enter the first digit of the hour.
- 3. Press a numeric key to enter the second digit of the hour.
- Press a numeric key to enter the first digit of the minute.
- 5. Press a numeric key to enter the second digit of the minute.
- 6. Use REVIEW to select AM or PM.
- 7. Press and release PROG again to store the new time.

NOTE: You can press and release PROG to review the settings. To exit, press PROG until you have exited the menu.



VOLUME CONTROL

BASE

Base unit handset receiver volumes are adjustable for four levels by repeatedly pressing the HANDSET VOLUME button on the base unit.

CORDLESS HANDSET

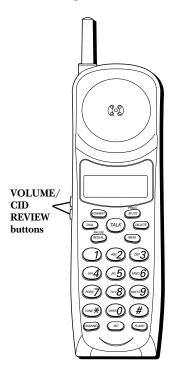
Cordless handset receiver volume is adjusted by pressing the VOLUME/CID REVIEW buttons on the cordless handset. Each press of the VOLUME/CID REVIEW buttons adjusts the receiver volume by one level. When the maximum or minimum volume level is reached, the phone beeps twice.

SPEAKERPHONE

Speakerphone volume is adjusted by the slide control located on the right side of the base unit.



Speaker VOLUME control



CORDLESS PHONE BASICS

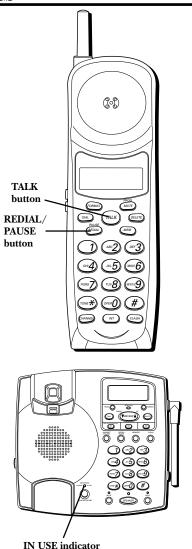
IN USE INDICATOR

You know the phone is on when you see the IN USE indicator on the base come on.

REDIAL

- 1. Make sure the phone is ON.
- 2. Press the REDIAL/PAUSE button to redial the last number you called (up to 32 digits).

If you get a busy signal, and want to keep dialing the number, press TALK to turn off the phone. Press TALK again to turn it back on. Then press REDIAL/PAUSE to dial the number.



TELEPHONE OPERATION

RECEIVING A CALL

Check the display to see who is calling.

Using the Cordless Handset — To answer a call you must press the TALK button on the handset. The IN USE indicator on the base comes on whenever the cordless handset is on. When finished, press TALK to hang up.

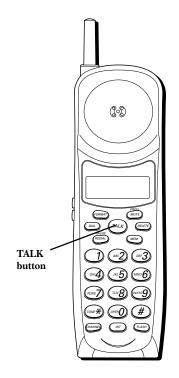
Using the Base — Lift the handset, or press the SPEAKER button.

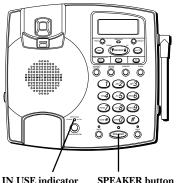
MAKING A CALL

From the Cordless Handset — Press the TALK button. Wait for a dial tone. Dial desired number.

From the Base — Lift the handset, or press the SPEAKER button. Wait for a dial tone. Dial desired number.

IMPORTANT: In the event of a power outage, your corded phone will still be able to make and receive calls. During the power outage, the cordless phone will not work.





Manual Channel Selection

While talking, you might need to manually change the channel in order to reduce static caused by baby monitors, garage door openers, or other cordless phones. Press and release the CHANNEL button to advance to the next clear channel.

DURATION COUNTER

After you lift either handset, the built-in call duration counter shows on the display and begins counting the length of time of the call.

AUTO STANDBY

Placing the cordless handset in the cordless handset charger while the handset is off the hook automatically hangs up the handset.



RINGER VOLUME SWITCH

Cordless Handset — A two-position switch permits the cordless handset ringer to be turned off or on.

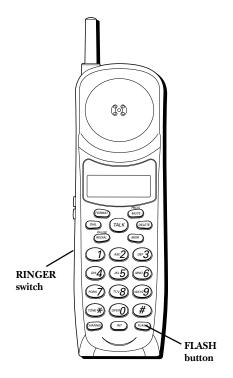
Base Unit — A three-position switch permits the base unit ringer volume to be set to HI, LO, or OFF.

The appropriate ringer switch must be on for the cordless handset or base unit to ring during incoming calls.

FLASH

Use the FLASH button to activate custom calling services such as call waiting or call transfer, which are available through your local phone company.

TIP: Don't use the TALK button on the cordless handset to activate custom calling service such as call waiting, or you'll hang up the phone.





RINGER VOLUME switch

LAST NUMBER REDIAL

To redial the last number you dialed:

BASE UNIT

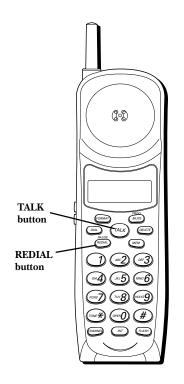
- Pick up base handset or press SPEAKER button.
- 2. Press the REDIAL button.

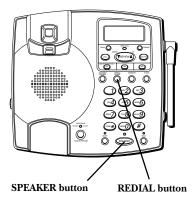
If you get a busy signal, and want to keep dialing the number, hang up the base unit. Then, repeat steps 1 and 2.

CORDLESS HANDSET

- 1. Press TALK button.
- 2. Press the REDIAL button wait for dial tone

If you get a busy signal, and want to keep dialing the number, pressTALK to turn off the cordless handset. Then, repeat steps 1 and 2.





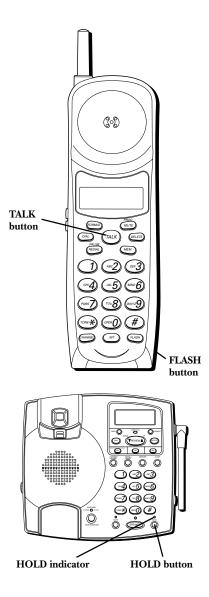
HOLD

Press the HOLD button to put a call on hold. The HOLD indicator will blink at half-second intervals.

To take a call off hold, press the HOLD button again and the HOLD indicator will turn off.

 To switch a call on hold from the base to the cordless handset, press TALK on the handset.

If the call is resumed from a nonsystem phone at a separate extension, the system will release the line to the non-system phone, and the HOLD indicator will turn off.

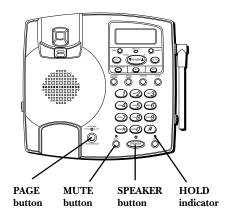


FINDING THE HANDSET

This feature helps to locate a misplaced handset.

Press and release the PAGE button on the base. The display shows *PAGING*. The handset beeps continuously and displays *PAGE YOU* for about 2 minutes or until you press INT or TALK on the handset or PAGE on the base.

NOTE: You can still page the handset with the ringer off.



MUTE

To prevent the person you are speaking to from hearing you while on a call, press the MUTE button on the handset or (MUTE on the base). *MUTE* shows in the display. The MUTE indicator on the base comes on when using the base. Press MUTE again to cancel.

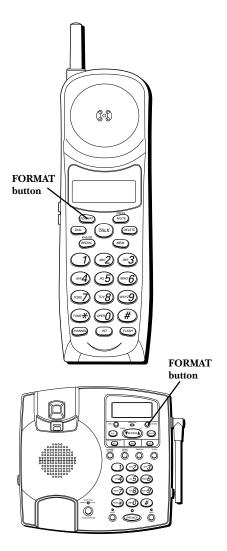


PRIVACY MODE

Privacy mode allows an initial user (at any handset) to prevent anyone from interrupting the conversation by picking up the other handset. During Privacy mode, if a second user picks up the other handset, a warning tone will come from the other handset, signifying that the line is already in use and prevents the second user from connecting to the conversation.

ENABLING PRIVACY MODE

While in talk mode, press and hold the FORMAT button for more than 2 seconds until you hear a tone. Then press "#". A confirmation tone sounds from the handset, and PRIVACY ENABLE shows on the display.



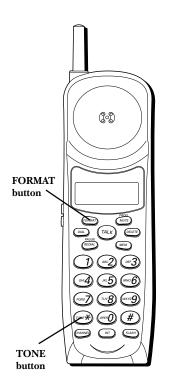
DISABLING PRIVACY MODE

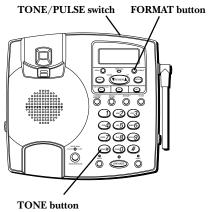
- Hang up the phone. Privacy Mode is automatically canceled.
- During a call, press and hold the FORMAT button for more than 2 seconds until you hear a tone. Then press "*". A confirmation tone comes from the handset, and PRIVACY DISABLE appears on the display.

TEMPORARY TONE DIALING

This feature is useful only if you do not have touch-tone service.

Temporary Tone Dialing enables pulse (rotary) service phone users to access touch-tone services offered by banks, credit card companies, etc. If the TONE/PULSE switch is set to PULSE, you can press the TONE button to





temporarily make the phone touchtone compatible. To get information about your bank account, for example, you would:

- 1. Call the bank's information line.
- Press the TONE key, denoted with (*) on the keypad, when your call is answered.
- Follow the voice menu instructions to get the information. When you hang up, the phone goes back to pulse (rotary) service.





VOICE MESSAGING

This feature requires a subscription to voice messaging service from your phone company.

If a message waiting signal is sent to your phone system, *MESSAGE WAITING* shows on the display for a few seconds, and the VOICE MAIL indicator blinks continuously. Call your voice mail to retrieve your messages.

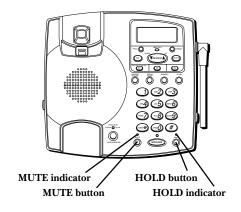
After you have retrieved your messages, the VOICE MAIL indicator stops blinking.

NOTE: If you retrieve your message from a different location and phone number, the message waiting alert may not be cancelled when you return home. To fix this, pick up the handset or press SPEAKER and hang up. The message waiting alert cancels automatically.



SETTING A NEW SECURITY CODE FROM THE BASE

- Place the cordless handset close to the base unit.
- On the base unit, press and hold the MUTE and HOLD buttons simultaneously for at least two seconds. The MUTE and HOLD indicators blink and SET SECURITY is displayed.
- On the cordless handset, press and hold the 2 and 8 keys simultaneously for at least 2 seconds. SET SECURITY is displayed again.
- If the transmission is successful, the base unit beeps in confirmation.
- If the transmission is not successful, it times out after 30 seconds and a 3-beep error tone sounds. (If this happens, move the cordless handset closer to the base unit and try again.)



SETTING A NEW SECURITY CODE FROM THE CORDLESS HANDSET

- Place the cordless handset close to the base unit.
- On the cordless handset, press and hold the 2 and 8 keys simultaneously for at least 2 seconds. SET SECURITY is displayed.
- On the base unit, press and hold the MUTE and HOLD buttons simultaneously for at least 2 seconds. The MUTE and HOLD indicators blink and SET SECURITY is displayed again.
- If the transmission is successful, the cordless handset will beep in confirmation.
- If the transmission is not successful, the transmission will time out after 30 seconds and a 3-beep error tone will sound. (If this happens, move the cordless handset closer to the base unit and try again.)

SPEAKERPHONE OPERATION

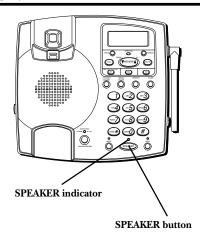
USING THE BASE UNIT SPEAKERPHONE

For best speakerphone performance, avoid the following:

- Areas with high background noise. (The microphone might pick up these sounds and prevent the speakerphone from going into the receiving mode when you finish talking.)
- Surfaces affected by vibration.
- Recessed areas such as in a corner, under a cupboard, or next to a cabinet, which can generate an echo effect.

Note the following guidelines when you use the speakerphone.

- The speakerphone works similar to a one-way radio in that you can only listen or talk one at a time.
- Stay reasonably close to the phone so that you can be clearly heard by the person to whom you are speaking.
- The SPEAKER indicator is on when the speakerphone is in use.

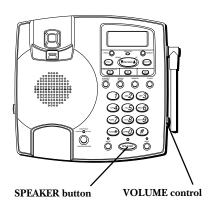


RECEIVING A CALL WITH SPEAKERPHONE

- When the phone rings, press and release the SPEAKER button on the base unit and talk normally into the built-in microphone at a minimum distance of 5-6 inches.
- 2. Adjust speakerphone volume by sliding the VOLUME control on the right side of the base unit.
- To end the call, press the SPEAKER button again.



- Press and release the SPEAKER button on the base unit and wait for a dial tone.
- Dial the number (using a memory dial number, if desired.)
 The number you dialed shows on the display.



- 3. When the party answers, adjust speakerphone volume by sliding the VOLUME control on the right side of the base unit.
- 4. To end the call, press the SPEAKER button again.

SWITCHING BETWEEN SPEAKER AND HANDSET

You can switch between speakerphone and either handset after dialing a number, or any time during a conversation.

Speaker to Handset — Pick up any handset, then press SPEAKER.

Handset to Speaker — Press SPEAKER, then hang up the handset.



INTERCOM OPERATION

INTERCOM CALLING

The intercom feature of your phone system allows you to have an unlimited-duration, two-way conversation between the cordless handset and the base unit without tying up the telephone line. Since the telephone line is not being used, you can still receive incoming calls.

USING INTERCOM

FROM THE BASE

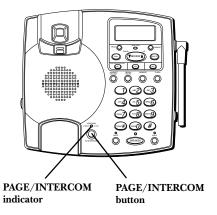
- 1. Make sure the phone is **OFF**.
- Press PAGE/INTERCOM. A paging tone sounds at the cordless handset. (To cancel intercom, press PAGE/INTERCOM again.)
- Wait for the person with the cordless handset to press the INT button.



 When finished, press PAGE/ INTERCOM on the base (or INT on the handset) to deactivate the intercom.

From the Cordless Handset

- 1. Make sure the phone is **OFF**.
- Press the INT button. A paging tone sounds at the base. (To cancel intercom, press INT again.)
- Wait for the person near the base to press the PAGE/INTERCOM button.
- When finished, press INT on the cordless handset (or PAGE/ INTERCOM on the base) to deactivate the intercom.





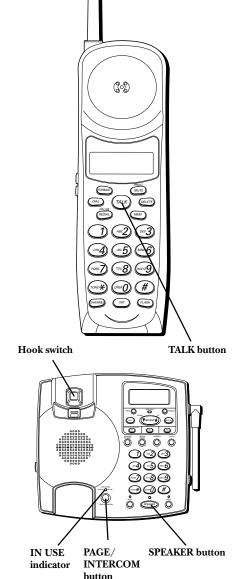
ADVANCED INTERCOM FEATURES

HANDLING AN INCOMING TELEPHONE CALL DURING AN INTERCOM CALL

During an intercom call, if a telephone call comes in, both users are alerted as follows:

Cordless Handset: Receives a ringing tone. To take the call, press TALK. (The intercom connection is discontinued.)

Base Unit: Speaker rings and the IN USE indicator blinks. If base unit speaker is being used for the Intercom call, press the SPEAKER button. If base unit corded handset is being used, press and release the hook switch on the base once.



USING INTERCOM WHILE YOU HAVE A TELEPHONE CALL

During a telephone call, you can use the Intercom Paging function to page the other unit and set up a private (2-way) intercom conversation with another user, meanwhile placing the telephone call on hold. Or, you can create a 3-way conversation between the telephone caller, the base unit, and the cordless handset. You can also transfer the telephone call to the opposite unit.

NOTE: Before intercom paging the other unit, you must decide whether you want to create a 2-way conversation or a 3-way conversation. To set up a 2-way conversation, your unit must be in Privacy mode when you intercom page the other unit in order for the external caller to remain on hold and be unable to hear the resulting intercom conversation.

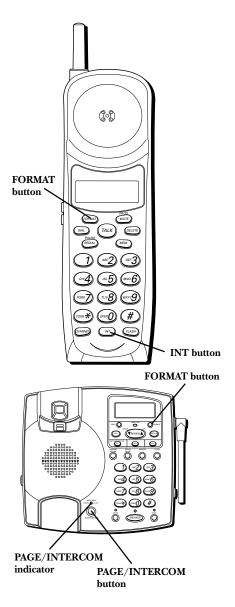
SETTING UP A TWO-WAY INTERCOM CONVERSATION WHILE YOU HAVE A TELEPHONE CALL

Place your unit in Privacy mode.

To Enable Privacy Mode - While in TALK mode, press and hold the FORMAT button for more than 2 seconds until you hear a tone. Then press "#". A confirmation tone will sound in the receiver, and *PRIVACY ENABLE* shows on the display.

 Press the INTERCOM or INT button on the unit where the outside call is in progress.

The external caller is placed on hold. At the base, the PAGE/INTERCOM indicator blinks and a paging tone sounds for 2 minutes at both units. *PAGING* is displayed on the originating unit and *PAGE YOU* on the other unit.



2. To answer the intercom page:

AT THE BASE UNIT

Press the PAGE/INTERCOM button.

AT THE CORDLESS HANDSET

 Press the INT button. Both users can now talk privately in Intercom mode.



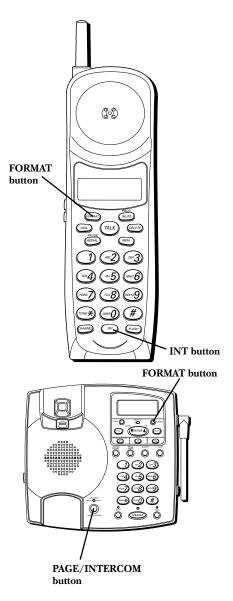


SETTING UP A THREE-WAY
CONVERSATION USING INTERCOM
Make sure your unit is **NOT** in
Privacy Mode.

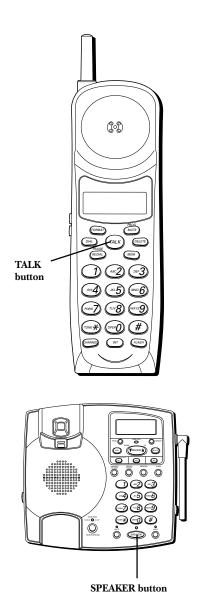
To Disable Privacy Mode - While in TALK mode, press and hold the FORMAT button for more than 2 seconds until you hear a tone. Then press "*". A confirmation tone will sound in the receiver, and *PRIVACY DISABLE* is displayed.

 Press the INTERCOM or INT button on the unit where the outside call is in progress.

The external caller is placed on hold. At the base the PAGE/INTERCOM indicator blinks, and a paging tone sounds for 2 minutes at both units. *PAGING* is displayed on the originating unit and *PAGE YOU* on the other unit.



- If the originating unit is the cordless handset: press the SPEAKER button or lift the corded handset. Three-way conversation begins.
- If the originating unit is the base unit: Three-way conversation automatically begins when TALK is pressed on the cordless handset.



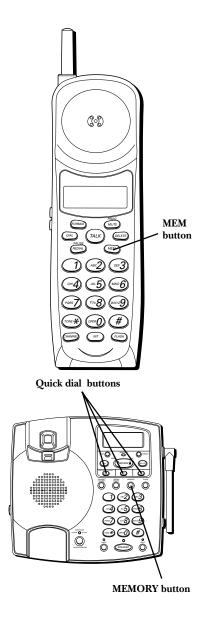
MEMORY

The cordless handset and base each have their own separate memory dialing storage areas. Ten 16-character names and 24-digit telephone numbers can be stored in the cordless handset memory. Ten 16-character names and 24-digit telephone numbers can be stored in the base memory.

Three quick dial numbers can also be stored in the base. This memory feature is in addition to the 40 Caller ID records that can be stored in memory.

STORING A NAME/NUMBER IN MEMORY

- Press the MEM or MEMORY button.
- Press button of desired memory location (0 through 9 or quick dial button). Current stored name/ number appears on the display. If the location is empty, EMPTY appears on the display.
- Press MEM or MEMORY again.
 The display shows ENTER NAME.

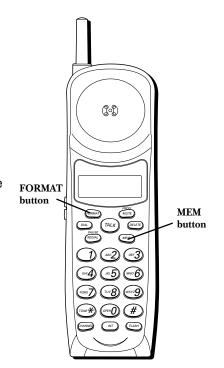


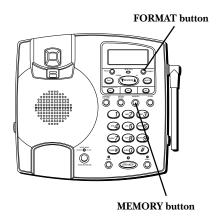
4. Use the keypad to store a name (up to 16 characters.) More than one letter is stored in each of the number keys. For example, to enter Joe Smith, press 5 for J; press 6 three times for O, press 3 two times for E; press 1 to enter a space before you start entering the last name; press 7 four times for S; press 6 for M; press 4 three times for I; press 8 for T; and press 4 two times for H.

NOTE: If you don't want to enter the name, skip step 4.

If you're using two letters consecutively that are stored in the same number key, you must press FORMAT between the letters. For example, if you enter Barb, press 2 two times for B; press FORMAT; press 2 for A; 7 three times for R; and 2 two times for B. You need to press FORMAT between the B and the A since they are stored within the same number key.

- Press MEM or MEMORY again.
 The display shows ENTER TEL NUMBER.
- Use the keypad to enter the number you want to store (up to 24 digits.)
- 7. Press MEM or MEMORY again to store the number.



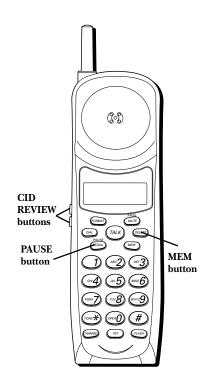


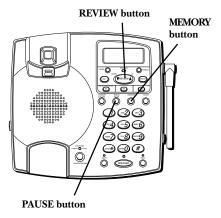
Inserting a Pause in the Dialing Sequence

Press the PAUSE button to insert a delay in the dialing sequence of a stored telephone number when a pause is needed to wait for a dial tone (for example, after you dial 9 for an outside line, or wait for a computer access tone.) Each pause counts as 1 digit in the dialing sequence.

REVIEWING, CHANGING OR DELETING STORED NUMBERS

To Review: press MEM or MEMORY, then press the CID REVIEW buttons (or memory location number or quick dial) or REVIEW to scroll through the stored numbers.



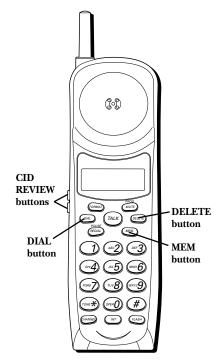


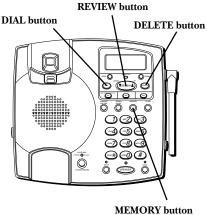
To Change: Use the same procedure to change a stored number as you do to store a number—you're just replacing one stored phone number with a different one.

To Delete: Press MEM or MEMORY, then press the CID REVIEW buttons or REVIEW to scroll to a desired entry.

- While the entry is displayed, press DELETE to mark the entry for deletion. The display shows ERASE MEMO?
- 2. Press DELETE a second time to delete the entry. *DELETED* is displayed.

NOTE: If you don't want to change or delete a number, simply wait a few seconds for the unit to exit Review mode





DIALING A STORED NUMBER DURING REVIEW

While reviewing stored numbers, you can dial any stored number by pressing DIAL.

NOTE: If you don't want to dial a number, simply wait a few seconds for the unit to exit the review mode.

DIALING A STORED NUMBER

Cordless Handset:

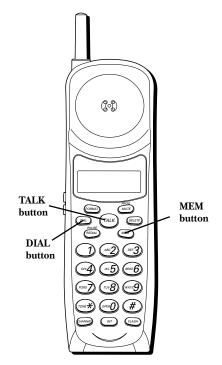
Make sure the phone is **ON**.

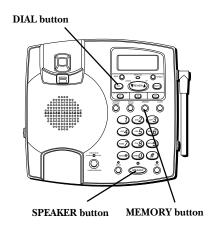
- 1. Press MEM.
- 2. Press the number (0-9) for the desired memory location. The number dials automatically.

Base Unit:

Lift the corded handset, or press the SPEAKER button.

- 1. Press MEMORY.
- Press the number (0-9) for the desired memory location. The number dials automatically.



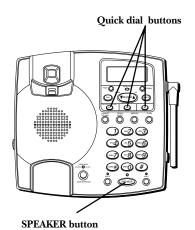


DIALING A QUICK DIAL NUMBER

- 1. Lift the corded handset or press the SPEAKER button.
- Press the quick dial button you want to dial. The number dials automatically.

CHAIN DIALING FROM MEMORY

Use this feature to make calls that require a sequence of numbers, such as a calling card number used for a frequently called long distance number. The following example shows how you can store each part of the long dialing sequence and use chain dialing to make a call through a long distance service:



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The Number For	Memory Location
Long Distance Access Number	7
Authorization Code	8
Frequently called long distance number	9

Cordless Handset:

Make sure the phone is ON.

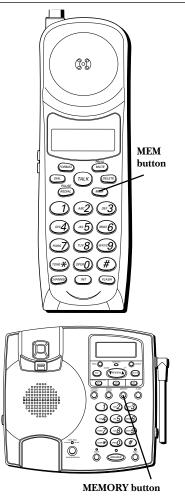
- 1. Press MEM and then press 7.
- 2. When you hear the access tone, press MEM and then press 8.
- 3. At the next access tone, press MEM and then 9.

Base Unit:

Lift the corded handset, or press the SPEAKER button.

- 1. Press MEMORY and then press 7.
- 2. When you hear the access tone, press MEMORY and then press 8.
- 3. At the next access tone, press MEMORY and then 9.

TIP: Wait for the access tones before pressing the next memory button or your call might not go through.



CALLER ID OPERATION

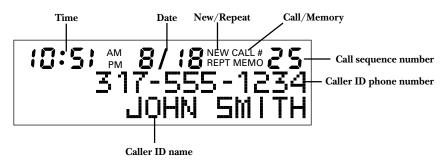
This Caller ID telephone system receives and displays information transmitted by your local telephone company. This information can include the phone number, date and time; or the name, phone number, and date and time.

RECEIVING AND STORING CALL RECORDS

When you receive a call, the information is transmitted by the phone company to your Caller ID telephone between the first and second ring. The Caller ID information appears on the display for ten seconds while the phone rings, giving you a chance to monitor the information and decide whether or not to answer the ringing call.

If you are not at home or cannot answer, the telephone stores the information so that you can see who called while you were unavailable. Caller ID memory automatically stores the call number, date, time, phone number and name, for the last 40 calls. If Caller ID memory is full, a new call automatically replaces the oldest call in memory.

At any time, you can review the stored information for the last 40 calls. Any calls received since your last review are marked as NEW in the display, to remind you to review them.



REVIEWING CALL RECORDS

As calls are received and stored, the display is updated to let you know how many calls have been received.

- Press the CID REVIEW or REVIEW up button to begin with the oldest call and scroll toward more recent calls (higher numbers.) When you reach the newest call, the display shows START/END.
- Press the CID REVIEW or REVIEW down button to begin with the newest call and scroll toward older calls (lower numbers.)
 When you reach the oldest call, the display shows START/END.





As you review calls, the display shows you the following information for each call:

- The telephone number of the caller.
- The number of the call, with regard to the order received.
- The name of the caller, if this service is available in your area.

NOTE: If a name is received which exceeds 16 characters, the extra characters are displayed for 3 seconds.

- Time and date the call was received.
- NEW appears for all calls that have not been previously reviewed.

NOTE: Check with your local phone company regarding name service availability.



This caller ID record shows that John Smith called at 10:51 a.m. on August 18. This is the 25th call stored in memory and it is a new call.

DIALING A CALLER ID Number

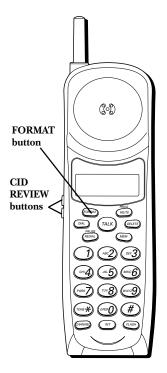
When reviewing any call record in the Caller ID memory, you can dial back the caller's number.

 Press CID REVIEW or REVIEW until the desired call record is displayed.

Depending on (a) how the incoming caller's phone number was formatted when it was received, and (b) whether or not you previously pre-programmed your local Area Code into memory, you may need to adjust the format of the incoming caller's stored phone number before dialing it back.

The FORMAT button lets you change the format of the displayed number. Available formats include:





Number of digits	Explanation	Example
Eleven digits	long distance code "1" + 3-digit area code + 7-digit telephone number.	1-317-888-8888
Ten digits	3-digit area code + 7-digit telephone number.	317-888-8888
Seven digits	7-digit telephone number.	888-8888

NOTE: If the phone company does not supply all ten digits of an incoming caller's number, you will not be allowed to adjust the format of that number.

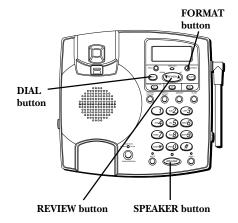
Scroll to the number you want to call back:

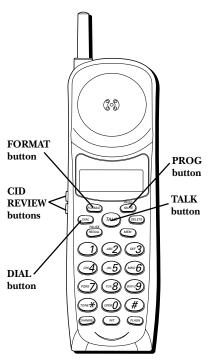
- 2. If using base: press the REVIEW button.
- If using cordless handset: use the CID REVIEW buttons.
- If the number will not dial as shown, press the FORMAT button. Repeat if necessary, until the correct number of digits are shown.
- Press DIAL. The number dials automatically.

NOTE: If you find it necessary to dial all local calls with the area codes included press and hold PROG until AREA CODE appears, then enter "000".

NOTE: To abort Caller ID Number Dialback, press TALK on the handset or SPEAKER on the base.

NOTE: If the number is corrupted, such as a number in a name or an alphabetical character in a number, an error tone comes from the cordless handset and the number won't dial.





DELETING THE CURRENT CALLER ID RECORD

To delete only the record in the display:

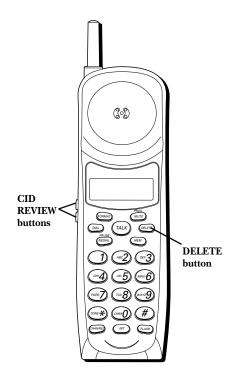
- Use the CID REVIEW or REVIEW buttons to display the desired Caller ID record.
- Press DELETE. The display asks DELETE CALL ID? for ten seconds.
- 3. Press DELETE again, within ten seconds, to erase the record.

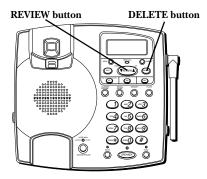
The display shows *DELETED*, confirming the deletion.

DELETING ALL CALLER ID RECORDS

To delete all the Caller ID records in memory:

 Use the CID REVIEW or REVIEW buttons to display any Caller ID record.



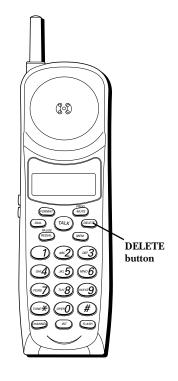


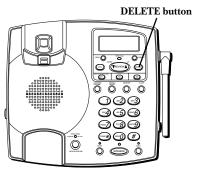
- 2. Press and hold DELETE. The display asks *DELETE ALL?* For ten seconds.
- 3. Press DELETE again, within ten seconds, to erase all records.

CALLER ID ERRORS

If there is an error in the transmission of information to your Caller ID phone, *ERROR* shows in the display.

If you have not subscribed to Caller ID service or it is not working, *NO DATA* shows in the display.





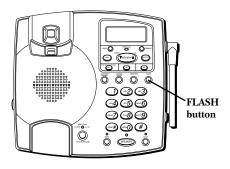
CALL WAITING CALLER ID

This feature allows the caller identification information to appear in the display after you hear the tone.

Press FLASH to put the person you're talking to on hold and answer the incoming call. Press FLASH again when you want to return to the first call.

IMPORTANT: In order to use this unit, you must subscribe to either the standard Name/Number Caller ID Service or Caller ID with Call Waiting Service. To know who is calling while you are on the phone, you must subscribe to Caller ID with Call Waiting Service.





CHANGING THE BATTERY

Make sure the telephone is **OFF** before you replace battery.

- 1. Remove the battery compartment door.
- Disconnect the battery plug and remove the battery pack from the handset.
- 3. Insert the new battery pack and reconnect the battery plug.
- 4. Put the battery compartment door back on
- Place handset in the base to charge. If you don't charge the handset battery properly (for 12 hours) when you first set up the phone and/or when you install a new battery pack, the battery's long-term performance will be compromised.



BATTERY SAFETY PRECAUTIONS

- Do not burn, disassemble, mutilate, or puncture. Like other batteries of this type, toxic materials could be released which can cause injury.
- To reduce the risk of fire or personal injury, use only the battery listed in the User's Guide.
- Keep batteries out of the reach of children.
- · Remove batteries if storing over 30 days.



NOTE: The RBRC seal on the battery used in your product indicates that we are participating in a program to collect and recycle Nickel Cadmium batteries throughout the United States of America. Please call 1-800-8-BATTERY for information or contact your local recycling center.

GENERAL PRODUCT CARE

To keep your telephone working and looking good, follow these guidelines:

- Avoid putting the phone near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose to direct sunlight or moisture.
- Avoid dropping the handset, as well as other rough treatment to the phone.
- · Clean the phone with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this will damage the finish.
- Retain the original packaging in case you need to ship the phone at a later date.
- Periodically clean the charge contacts on the handset and base with a clean pencil eraser.

HANDSET SOUND SIGNALS

Signal	Meaning
A long warbling tone (with ringer on)	Signals an incoming call
Three short beeps for 2 minutes	Page signal
One long beep	Out of range
One short beep (several times)	Low battery warning

Message Indicators

The following indicators show the status of a message or of the unit.

ERROR Caller information has been interrupted during transmission

or the phone is excessively noisy.

ENTER NAME Prompt telling you to enter the name in one of the 10

memory locations.

DELETE ALL? Prompt asking if you want to erase all Caller ID records.

DELETE CALL ID? Prompt asking if you want to erase the

current Caller ID record that is shown on the display.

ERASE MEMO? Prompt asking if you want to erase one of the 10 numbers

stored in the phone's outgoing memory.

START/END Indicates that there is no additional information in Caller ID

memory.

NEW Indicates call or calls have not been reviewed.

UNKNOWN CALL The incoming call is from an area not serviced by Caller ID or

the information was not sent

PAGING Someone has pressed the PAGE button on the base or

handset.

BLOCKED NUMBER The person is calling from a number that has been blocked

from transmission.

REPT Repeat call message. Indicates that a new call from the same

number was received more than once.

NO DATA No Caller ID information was received.

TROUBLESHOOTING GUIDE

TELEPHONE

Problem	Solution
No dial tone	 Check installation: Is the base power cord connected to a working outlet? Is the telephone line cord connected to the base unit and the wall jack? Connect another phone to the same jack; the problem migh be your wiring or local service. Is the cordless handset out of range of the base? Make sure the battery is properly charged (12 hours). Is the battery pack installed correctly? Did the handset beep when you pressed the TALK button? Did the IN USE indicator come on? The battery may need to be charged. Place the cordless handset in the cordless handset charger for at least 20 seconds.
Dial tone is OK, but can't dial out	Make sure the TONE/PULSE switch on the base is correctly set .
Cordless handset does not ring	 Make sure the RINGER switch on the cordless handset is turned to ON. Move closer to the base. The handset may be out of range. You may have too many extension phones on your line. Try unplugging some phones. Check for dial tone.
You experience static, noise, or fading in and out	 Change channels. Move closer to base (cordless handset might be out of range). Does the base need to be relocated? Make sure base is not plugged into an outlet with another household appliance. Charge battery.

Problem	Solution
Unit beeps	 Place cordless handset in charger for 20 seconds; if it still beeps, charge battery for 12 hours. Clean charging contacts on cordless handset and charger with a soft cloth, or an eraser. See solutions for "No dial tone." Replace battery.
Memory Dialing doesn't work	Did you program the memory location keys correctly?Did you follow proper dialing sequence?
Unit locks up and no communication between the base and cordless handset	See "Setting a New Security Code from the Base" or "Setting a New Security Code from the Cordless Handset."

CALLER ID

Problem	Solution
No Display	 Is battery fully charged? Try replacing the battery. Make sure that the unit is connected to a non-switched electrical outlet. Disconnect the AC power supply from the base and reconnect it.
Caller ID Error Message	 The unit displays this message if it detects anything other than valid Caller ID information during the silent period after the first ring. This message indicates the presence of noise on the line.
No Caller ID	Did you order Caller ID service from your phone company?

BATTERY

If you experience any of the following problems, even after fully recharging the battery, you may need to replace the battery pack:

- Short talk time
- Poor sound quality
- Limited range
- IN USE indicator fails to light

Causes of Poor Reception

- Aluminum siding.
- Foil backing on insulation.
- · Heating ducts and other metal construction that can shield radio signals.
- You're too close to appliances such as microwaves, stoves, computers, etc.
- Atmospheric conditions, such as strong storms.
- Base is installed in the basement or lower floor of the house.
- Base is plugged into AC outlet with other electronic devices.
- · Baby monitor is using the same frequency.
- Handset battery is low.
- You're out of range of the base.

Service

FCC requires this product to be serviced only by the manufacturer or its authorized service agents. In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Consumer Electronics could void the user's authority to operate this product. For instructions on how to obtain service, call Consumer Information, 1-800-448-0329.

Αt	ach	your s	ales	receipt t	o the b	ooklet f	or future	referen	ce or jo	t down th	ie
da	te th	is pro	duct v	was puro	chased	or recei	ved as a	gift. Thi	s inforn	nation wil	I
be	valu	ıable i	f serv	ice shou	ıld be r	equired	during	the warr	anty pe	riod.	
_											

Purchase date	Name of store

ACCESSORY ORDER FORM

DESCRIPTION	CATALOG	CATALOG NUMBER	PRICE*	QUANTITY	TOTAL
	White	Black			
AC power adapter	5-2471	5-2472	\$18.35		
Belt clip	5-2452	5-2451	\$8.75		
Cordless handset charger	5-2478	2-2480	\$20.10		
Handset battery	7-9	5-2459	\$11.90		

To order, call 1-800-338-0376 (for accessories only) or complete this form.

For credit card purchases

Your complete charge card number, its expiration date and your signature are necessary to process all charge card orders.

Copy your complete account number from your VISA card.

\blacksquare	

Use VISA or Master Card or Discover preferably. Money order or check must be in U.S. currency only. No COD or Cash. All accessories are subject to availability. Where

\$5.00

S

Mail order form and money order or check (in U.S. currency)

Fotal Amount Enclosed......\$_

Shipping/Handling......

applicable, we will ship a superseding model.

made payable to Thomson Consumer Electronics, Inc. to:

Mail Order Department

P.O. Box 8419

Ronks, PA 17573-8419

We are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent. Duties will apply for

Total Merchandise......\$ Sales Tax.....\$_____\$

*Prices are subject to change without notice.

My card expires:

Copy your complete account number from your Master Card or Discover.

Copy the number above your name on the Master Card

My card expires:

Name_

State Address City

Apt. ZIP

Daytime Phone Number (

Authorized Signature

Please make sure that this form has been filled out completely.

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LIMITED WARRANTY

What your warranty covers:

Any defect in materials or workmanship.

For how long after your purchase:

· One year.

(The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

What we will do:

- · Provide you with a new or, at our option, a refurbished unit.
- The exchange unit is under warranty for the remainder of the original product's warranty period.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We
 recommend using the original carton and packing materials.
- Include evidence of purchase date such as the bill of sale. Also print your name and address and a
 description of the defect. Send via standard UPS or its equivalent to:

Thomson Consumer Electronics, Inc.

11721 B Alameda Ave.

Socorro, Texas 79927

- · Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- Insure your shipment for loss or damage. Thomson accepts no liability in case of damage or loss en route to Thomson.
- A new or refurbished unit will be shipped to you freight prepaid.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. For additional information, ask your dealer.)
- · Installation and set-up service adjustments.
- Batteries.
- · Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of God, such as but not limited to lightning damage.

Product Registration:

 Please complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

How state law relates to this warranty:

 This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

If you purchased your product outside the USA:

This warranty does not apply. Contact your dealer for warranty information.